

Marine Physical Laboratory

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Engineering Sea Test

William S. Hodgkiss

Final Report to the
Office of Naval Research
Contract N00014-89-D-0142 (D0431)
For the Period 5-15-92 - 7-31-93

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Abstract

The objective of this program was to assist NRaD (formerly NOSC) in the planning for a lightweight array engineering sea test that was carried out late in FY93.

Research Summary

First, MPL assisted NRaD in the collection and interpretation of environmental data in the vicinity of the planned experimental site (east of San Clemente Island in the Catalina Basin). This involved two short sea trips for the deployment and later recovery of a current meter. The current meter speed and direction data are reported in [1]. During the recovery sea trip, CTD casts also were made in order to obtain temperature and salinity data.

Second, MPL assisted NRaD in the planning for the late FY93 lightweight array engineering sea test. This involved planning the real-time data collection hardware configuration and participating in planning meetings concerning site selection, array deployment, and source tows.

Publications

- [1] R.M. Olivera and W.S. Hodgkiss, "San Clemente Island Current Speed and Direction: October-November 1992," MPL-U-36/94, Marine Physical Laboratory, Scripps Institution of Oceanography, San Diego, CA 92152-6400 (1994).

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